

Emerging Processes in Prevalent Diseases

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DESCRIPTION

Our group mainly studies urgent and emerging processes in prevalent diseases, with special interest in demographic aspects (gender perspective, older adults). It is an eminently clinical research, based on our own and multicenter projects. The interest is the knowledge of the diseases, their diagnosis and treatment, taking into account the particularities, and the organisational aspects of the emergency departments. In short, to promote quality, safe and efficient care in the emergency department.

MAIN LINES OF RESEARCH

- Clinical Organization and Management (Puig Campmany, Mireia; Ris Romeu, Josep; Mateo Roca, Miriam)
- Patient safety and emergency department quality. (Álvarez Albarran, Maria Teresa)
- Teaching (Montiel Dacosta, Josep Antoni; Higa Sansone, Jorge Leopoldo)
- Echography (Lazzari, Roberto)
- Organ Donation and Coordination (Caballero Flores, Francisco)
- Frailty and elderly (Blázquez Andion, Marta)
- Processes. Infection (Mauri Plana, Albert; Álvarez Albarran, Maria Teresa)
- Processes. Travel disease (Gil Olivas, Eva)
- Processes. Sexually transmitted diseases (Seres Roig, Montserrat)
- Processes. Sepsis (Moline Pareja, Antoni; Piera Salmeron, Aina)
- Processes. Respiratory System Disorders and Acute Respiratory Failure (Moline Pareja, Antoni)

- Processes. Thromboembolic disease (Lozano Polo, Laura)
- Processes. Cardiovascular System (Santalo Bel, Miguel)
- Processes. Acute coronary syndrome (Lazzari, Roberto)
- Processes. Ultrasensitive markers in acute coronary syndrome (Alquezar Arbe, Aitor)
- Processes. Cardiovascular Risk (Ponte Márquez, Paola Helena)
- Processes. Cardiac failure (Herrera Mateo, Sergio Antonio; Alquezar Arbe, Aitor)
- Processes. Arrhythmias (Trejo Gutierrez, Olga María; Hernandez Ontiveros, Hector)
- Processes. Diabetes care (Agra Montava, Ivan)
- Processes. Toxicology (Higa Sansone, Jorge Leopoldo; Hernandez Ontiveros, Hector)
- Processes. Psychiatry (Ponte Márquez, Paola Helena; Castella Rovira, Marta)
- Processes. Ultrasound in emergency patient (Lazzari, Roberto; Pérez Baena, Sergio)
- Castella Rovira, Marta. Anàlisi de la responsabilitat professional mèdica a l'atenció urgent a Catalunya entre els anys 2000 i 2019. 04/07/2024. Universitat Autònoma de Barcelona. Supervisors: Arimany-Manso, Josep; Puig Campmany, Mireia; Martín Fumadó, Carles; Bulbena Vilarrasa, Antonio. <https://hdl.handle.net/10803/692117>
- Gil Olivas, Eva. Incidencia de malaria y factores de riesgo asociados a cambios socioeconómicos en Cubal, zona mesoendémica estable de malaria en Angola. 26/11/2024. Universitat Autònoma de Barcelona. Supervisors: Molina Romero, Israel; Falco Ferrer, Vicenç. <https://hdl.handle.net/10803/693084>.

SCIENTIFIC CHALLENGES

- Emergency and Urgent Care Management, new organizational models.
- Aging population, frailty and emergency care.
- Medication-related health problems.
- Heart failure, new therapeutic scenarios, prevention and home-care Infection, diagnosis and control.
- Urgent processes from a gender perspective.
- Urgent processes with age perspective.

DOCTORAL THESES DEFENDED

- Blázquez Andion, Marta. Mejora del proceso "Atención Urgente del paciente anciano" en un servicio de urgencias hospitalario: cambio de paradigma e impacto en los resultados. 13/06/2024. Universitat Autònoma de Barcelona. Supervisors: Puig Campmany, Mireia; Montiel Dacosta, Josep Antoni; Casademont Pou, Jordi. <https://hdl.handle.net/10803/691995>
- Aguirre NL, Gutiérrez SG, Miro O, Aguiló S, Jacob J, Alquézar A, Burillo G, Fernández C, Llorens P, Alanso CR, Lopez IT, Cañete M, Asensio PR, Díaz BP, Pizarro TP, Navarro RJD, Viola NP, Hernández L, Soler AC, Fernández ES, Serrano J, Ezponda P, Lorenzo AM, Liarte J, Ramón SS, Aranda AR, Martín FJ, del Castillo JG, SIESTA N. Older Adult Patients in the Emergency Department: Which Patients should be Selected for a Different Approach?. Annals Of Geriatric Medicine And Research. 2024; 28(1). DOI:10.4235/agmr.23.0121. PMID:37963716. Document type: Article.
- Alonso CF, Ferrer M, García EJ, Mir SA, Jiménez S, Jacob J, Salmerón PP, Gil A, Llorens P, Burillo G, Alquezar A, Baena SB, Cardona MF, González RH, Martín MM, Parra AB, El Farh I, Borrego BV, Motto EQ, Larrañaga AA, Ferrer ES, Cho J, Bañeres BG, Martín SG, Sindín GS, Zapico AP, Lorenzo IC, Tey JMG, Llauger L, del Castillo JG, Miro O. Impact of dementia on 30-, 180-, and 365-day mortality during the first pandemic wave in older adults seen in spanish emergency departments diagnosed with or without COVID-19. AGING & MENTAL HEALTH. 2024; 28(8). DOI:10.1080/13607863.2024.2337144. PMID:38597417. IF:2,800 (Q2/3D). Document type: Article.

SCIENTIFIC PRODUCTION

- Aguirre NL, Gutiérrez SG, Miro O, Aguiló S, Jacob J, Alquézar A, Burillo G, Fernández C, Llorens P, Alanso CR, Lopez IT, Cañete M, Asensio PR, Díaz BP, Pizarro TP, Navarro RJD, Viola NP, Hernández L, Soler AC, Fernández ES, Serrano J, Ezponda P, Lorenzo AM, Liarte J, Ramón SS, Aranda AR, Martín FJ, del Castillo JG, SIESTA N. Older Adult Patients in the Emergency Department: Which Patients should be Selected for a Different Approach?. Annals Of Geriatric Medicine And Research. 2024; 28(1). DOI:10.4235/agmr.23.0121. PMID:37963716. Document type: Article.
- Alonso CF, Ferrer M, García EJ, Mir SA, Jiménez S, Jacob J, Salmerón PP, Gil A, Llorens P, Burillo G, Alquezar A, Baena SB, Cardona MF, González RH, Martín MM, Parra AB, El Farh I, Borrego BV, Motto EQ, Larrañaga AA, Ferrer ES, Cho J, Bañeres BG, Martín SG, Sindín GS, Zapico AP, Lorenzo IC, Tey JMG, Llauger L, del Castillo JG, Miro O. Impact of dementia on 30-, 180-, and 365-day mortality during the first pandemic wave in older adults seen in spanish emergency departments diagnosed with or without COVID-19. AGING & MENTAL HEALTH. 2024; 28(8). DOI:10.1080/13607863.2024.2337144. PMID:38597417. IF:2,800 (Q2/3D). Document type: Article.

- Alonso CF, Ferrer MF, Llorens P, Burillo G, Alquezar A, Jacob J, Montero FJ, Aguiló S, Cunado VA, Al Arud LA, Sánchez CE, Ferret E, Cho J, Martínez M, Martín SG, Sindin GS, Zapico AP, Rivas MCP, Grande A, Llauger L, Valles CR, Quero LM, Gonzalez RJ, Ruescas E, Salgado FF, Gallardo RR, Gomez M, Barco MM, del Castillo JG, Miro O. Impact of First Wave of COVID-19 Pandemic on Mortality at Emergency Department in Older Patients with COVID and Non-COVID Diagnoses. GERONTOLOGY. 2024; 70(4). DOI:10.1159/000535913. PMID:38160663. IF:3,100 (Q3/6D). Document type: Article.
- Cuerpo S, Aguiló S, Alquézar A, Fernández C, Burillo G, Jacob J, Montero FJ, García EJ, Piñera P, Blázquez BE, de la Iglesia CG, Quesada SF, Vaswani A, Rodríguez M, Aragüés PL, Díaz MLP, González F, Alcaraz AP, Collado JM, Torres GJ, Fuentes L, Martos RM, López AR, Hernández RJG, García JP, Trián EM, del Castillo JG, Miró O, SIESTA N. Tachypnea in response to hypoxemia decreases with age in older patients. Geriatrics & Gerontology International. 2024; 24(11). DOI:10.1111/ggi.14965. PMID:39380254. IF:2,400 (Q2/4D). Document type: Article.
- Cuerpo S, Aguiló S, Poblete MF, Burillo G, Alquézar A, Jacob J, Fernández C, Llorens P, Montero FJ, Iglesias C, Quero E, Escudero C, Poch EA, Hong JU, Casado B, Gayoso S, Sánchez G, Fernández ME, Puiggali M, Trejo O, Llauger L, Garrido L, Calle S, Molina L, Martínez M, Gómez G, Del Valle PR, López ML, Rull P, del Castillo JG, Miró O, Spanish Investigators Emergency Situations TEam S. Epidemiological and clinical management aspects of pneumonias diagnosed in the emergency department in elderly patients in Spain: results of the EDEN-29 Study. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024; 42(8). DOI:10.1016/j.eimc.2023.10.015. PMID:38395666. IF:2,600 (Q3/6D). Document type: Article.
- Díaz CR, Hernández SJ, Chaib FB, Abanto A, Ayaso MC, Polo LL, Torrecillas LG, Valle HA, Velilla MO, Jiménez D, Lecumberri R, Artacho PR, Soc Espanola Med Urgencias E. Prophylaxis of venous thromboembolism in hospitalized patients admitted from Spanish emergency departments: the PROTESU II study. Emergencias. 2024; 36(4). DOI:10.55633/s3me/051.2024. PMID:39234833. IF:5,400 (Q1/1D). Document type: Article.
- Espinosa B, Llorens P, Jacob J, Gil V, Alquézar A, Dieste Ballarín E, López-Díez MP, Manuel Garrido J, Del Amo S, Tost J, Paz Arias P, Llauger L, Herrero-Puente P, Gorlicki J, Masip J, Miró Ò; Grupo de investigación ICA-SEMES. Epidemiologic and clinical characteristics and course of acute heart failure and cardiogenic shock diagnosed in emergency departments. Emergencias. 2024; 36(6):425-437. DOI:10.55633/s3me/105.2024. PMID:39807548. IF:5,400 (Q1/1D). Document type: Article.
- Fuentes E, Jacob J, del Castillo JG, Montero FJ, Alquezar A, García EJ, Aguiló S, Fernández C, Burillo G, Piñera P, Llauger L, Vázquez V, Carrasco E, Juárez R, Blanco MJ, Rodríguez ED, Rios R, Berenguer MA, Guiu S, López N, Delgado V, Diego FJ, Ezponda P, Martínez A, Ortega JV, García I, Borne S, Gil A, Llorens P, Miró O, EDEN GRP. Use of resources in elderly patients consulting the emergency department: analysis of the Emergency Department and Elder Needs Cohort (EDEN-21). Internal and Emergency Medicine. 2024; DOI:10.1007/s11739-024-03638-z. PMID:38896167. IF:3,200 (Q1/2D). Document type: Article.
- García EJ, Fuentes M, Fernández C, Burillo G, Aguiló S, Alquezar A, Montero FJ, Jacob J, Piñera P, Salido M, Marchena MJ, Martínez A, Chacón A, Güemes de la Iglesia C, Troiano OJ, Eiroa P, Parra P, Lázaro P, Gantes P, Cuerpo S, Chacón C, Serrano L, Caballero M, Guillen L, Muñoz R, González del Castillo J, Miró Ò, en representacion S. Predictive usefulness of qSOFA, NEWS and GYM scores in the elderly patient: EDEN-5 study. ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA. 2024; 42(9). DOI:10.1016/j.eimc.2023.07.004. PMID:38296669. IF:2,600 (Q3/6D). Document type: Article.
- García RM, Piñera P, Jacob J, del Castillo JG, Montero FJ, Alquézar A, García EJ, Aguiló S, Fernández C, Burillo G, Gil A, Llorens P, Mota

- MS, Chaib FB, García JP, Baena SB, Giménez D, Díez MPL, Martín MM, Romero MR, Company TB, Borrego BV, Fernández MC, Sánchez CE, Muñoz MA, Miró O, EDEN GRP. Clinical course in older patients diagnosed with syncope treated in Spanish emergency departments: results from the Emergency Department and Elder Needs-17 study. *Emergencias*. 2024; 36(4). DOI:10.55633/s3me/045.2024. PMID:39234834. IF:5,400 (Q1/1D). Document type: Article.
- Gorlicki J, Masip J, Gil V, Llorens P, Jacob J, Alquézar A, Baldrich ED, Fortuny MJ, Romero M, Esquivias MA, García RM, García YG, Noceda J, Rodríguez P, Aguirre A, López MP, Mir M, Serrano L, de Frutos MF, Curtelin D, Freund Y, Miro O, ICA GRP. Effect of early initiation of noninvasive ventilation in patients transported by emergency medical service for acute heart failure. *European Journal of Emergency Medicine*. 2024; 31(5). DOI:10.1097/MEJ.0000000000001141. PMID:38847652. IF:3,100 (Q1/2D). Document type: Article.
 - Ivars N, Llorens P, Alquézar A, Jacob J, Rodríguez B, Guzmán M, Lázaro LS, Picón MCM, Jiménez LC, Miró O, Grupo Investigac ICA S. Clinical features, management in the emergency department and mortality of acute heart failure episodes in patients with chronic obstructive pulmonary disease. *REVISTA CLINICA ESPANOLA*. 2024; 224(10). DOI:10.1016/j.rce.2024.07.008. PMID:39393446. IF:2,300 (Q2/3D). Document type: Article.
 - Jacob J, Fuentes E, Castillo JGD, Bajo I, Alquezar A, García EJ, Aguiló S, Fernández C, Burillo G, Piñera P, Llorens P, Jiménez S, Gil A, Tembleque JS, López MP, Iglesias M, Pérez RA, López M, González R, Carrión M, Escudero C, Adroher M, Trenc P, Gayoso S, Sánchez G, Cirera I, Pazos J, Rizzi M, Llauger L, Miró O, EDEN GRP. Use of diagnostic tests in elderly patients consulting the emergency department. Analysis of the emergency department and elder needs cohort (EDEN-8). *Australasian Emergency Care*. 2024; 27(4). DOI:10.1016/j.auec.2024.06.004. PMID:38964972. IF:2,100 (Q2/3D). Document type: Article.
 - Llorens P, Bobe AG, Vizcaíno PG, Márquez PP, Llauger L, Cañete M, Ruescas E, Espinosa B. Prognosis in elderly patients with falls treated in emergency departments: The EDEN-3 study. *Journal Of Healthcare Quality Research*. 2024; 39(1). DOI:10.1016/j.jhq.2023.10.003. PMID:37914589. Document type: Article.
 - Martínez C, Tey JMG, Ruiz J, Feliu A, Puig M, Vidal S, Corominas H. Adverse reactions to Janus kinase inhibitors: Study of their incidence and predictive factors in patients with rheumatoid arthritis. *MEDICINA CLINICA*. 2024; 163(8). DOI:10.1016/j.medcli.2024.05.007. PMID:39003114. IF:2,600 (Q1/3D). Document type: Article.
 - Miró O, Aguiló S, Alquézar A, Fernández C, Burillo G, Martínez SG, Larrull M, Periago A, Molinas C, Falcón CR, Dacosta PB, Flores RCC, Calzada JN, Blesa E, Martín M, Requena AC, Fuentes L, Cortizo IL, Garcinuño PG, García MB, Del Valle PR, Campos RB, Jiménez VC, Cuñado VA, Gutiérrez OT, Reviriego MDS, Roussel M, del Castillo JG, SIESTA Res network M. Overnight stay in Spanish emergency departments and mortality in older patients. *Internal and Emergency Medicine*. 2024; DOI:10.1007/s11739-024-03660-1. PMID:38900240. IF:3,200 (Q1/2D). Document type: Article.
 - Miró O, Burillo G, López P, Aguiló S, Fernández C, Alquézar A, del Castillo JG. The likelihood of admission to an intensive care bed dramatically decreased in elderly patients during the first wave of the COVID-19 pandemic in Spain. *Hong Kong Journal of Emergency Medicine*. 2024; 31(4). DOI:10.1002/hkj.212026. IF:0,800 (Q4/8D). Document type: Article.
 - Miró O, Ivars N, Espinosa B, Jacob J, Alquézar A, López MP, Puente PH, López ML, Rodríguez B, Fuertes PR, Salmerón P, Tost J, Andueza JA, Baldrich ED, Garrido JM, Noceda J, Lucas FJ, García RM, Gil V, Masip J, Peacock WF, Mueller C, Llorens P, ICA GRP. Effect of seasonal influenza and COVID-19 vaccination on severity and long-term outcomes of patients with heart failure decompensations. *EUROPEAN JOURNAL OF HEART FAILURE*. 2024; DOI:10.1002/ehf.3469. PMID:39315591. IF:16,900 (Q1/1D). Document type: Article.

- Miró O, Llorens P, Aguiló S, Alquézar A, Fernández C, Burillo G, Marcos NC, Marañón AA, Oms GS, del Castillo JG, SIESTA I. Epidemiological aspects, clinical management and short-term outcomes in elderly patients diagnosed with acute heart failure in the emergency department in Spain: results of the EDEN-34 study. *REVISTA CLINICA ESPANOLA*. 2024; 224(4). DOI:10.1016/j.rce.2024.02.003. PMID:38423386. IF:2,300 (Q2/3D). Document type: Article.
- Miró O, Miró E, del Castillo JG, Carbó M, Rebollo A, de Paz R, Guardiola JM, Smithson A, Iturriza D, Lluch CR, Leey C, Ferro JI, Saura M, Llaneras J, Ros N, Robert N, Puertas EP, Sotomayor M, Masia FR, Salazar P, Dominguez D, Buxo S, Oliazola C, Villamor A, Gene E, Representacion Gpo Trabajo Urgencias V. Analysis of the reasons for requesting HIV serology in the emergency department other than those defined in the targeted screening strategy of the "Urgencias VIHgila" program and its potential inclusion in a future consensus document. *ENFERMEDADES INFECCIOSAS Y MICROBIOLOGIA CLINICA*. 2024; 42(9). DOI:10.1016/j.eimc.2023.12.012. PMID:38519281. IF:2,600 (Q3/6D). Document type: Article.
- Miró O, Mojarro EM, Huré G, Llorens P, Gil V, Alquézar A, Bibiano C, González NC, Massó M, Strebel I, Espinosa B, Masó SM, Wussler D, Shrestha S, Lopez P, Jacob J, Millán J, Andueza JA, Alonso H, Pàmies SL, Cerdà JF, Martínez CP, Herrero P, Peacock WF, Mueller C, ICA S, CRIB GRP. Digoxin initiation after an acute heart failure episode and its association with post-discharge outcomes: an international multicenter analysis. *Internal and Emergency Medicine*. 2024; DOI:10.1007/s11739-024-03744-y. PMID:39174687. IF:3,200 (Q1/2D). Document type: Article.
- Miró O, Mojarro EM, Lopez P, Llorens P, Gil V, Alquézar A, Bibiano C, Pavón J, Massó M, Strebel I, Espinosa B, Masó SM, Jacob J, Millán J, Andueza JA, Alonso H, Herrero P, Mueller C, ICA SEMES Res GRP. Association of intravenous digoxin use in acute heart failure with rapid atrial fibrillation and short-term mortality according to patient age, renal function, and serum potassium. *European Journal of Emergency Medicine*. 2024; 31(5). DOI:10.1097/MEJ.0000000000001153. PMID:38985840. IF:3,100 (Q1/2D). Document type: Article.
- Miró O, Núñez J, Trullàs JC, Lopez P, Llauger L, Alquézar A, Miñana G, Mollar A, de la Espriella R, Lorenzo M, Jacob J, Espinosa B, Garcés V, Aguirre A, Fortuny MJ, Martínez G, Gil V, Mueller C, Llorens P, ICA SEMES INCLIVA ALCALOTIC Res GRPS. Combining loop with thiazide diuretics in patients discharged home after a heart failure decompensation: Association with 30-day outcomes. *European Journal of Internal Medicine*. 2024; 127DOI:10.1016/j.ejim.2024.05.009. PMID:38763846. IF:5,900 (Q1/1D). Document type: Article.
- Miró Ò, Osorio G, Alquézar A, Aguiló S, Fernández C, Burillo G, Jacob J, Llorens P, Llauger L, Peláez Á, Figuera E, Juárez R, Blanco M, Fernández F, Pablos T, Berenguer M, Truyló M, López N, García J, Fernández C, Diego F, Ezponda P, Martínez A, Ortega J, García I, Borne S, Corugedo C, Gallardo B, Del Castillo J. researchers of the SIESTA network Hyperactive delirium during emergency department stay: analysis of risk factors and association with short-term outcomes. *Internal and Emergency Medicine*. 2024; 19(2):535-545. DOI:10.1007/s11739-023-03440-3. PMID:37865623. IF:3,200 (Q1/2D). Document type: Article.
- Miró Ò, Osorio GI, Alquézar A, Aguiló S, Fernández C, Burillo G, Jacob J, Montero FJ, García EJ, Piñera P, Rodríguez C, Carrasco E, Molina L, Ruescas E, Fernández F, Fernández A, de Juan MÁ, Guiu S, López N, García J, Maza MT, García Á, Ezponda P, Martínez A, Ortega JV, Sánchez S, Ruiz J, González Del Castillo J. Sex- and age-related patterns in the use of analgesics in older patients in the emergency department. *European Journal of Emergency Medicine*. 2024; 31(2). DOI:10.1097/MEJ.0000000000001096. PMID:37792526. IF:3,100 (Q1/2D). Document type: Article.
- Montero FJ, Bajo I, Castillo JGD, Burillo G, Jacob J, Aguiló S, Pinera P, Alquezar A, Fernández C, Llorens P, Cho J, Casado B, Gayoso S, Sánchez G, Fernández ME, Gallardo

- P, Romero C, Llauger L, Vázquez V, Calle S, Cañete M, Ruescas E, Fernández F, Miró O, Researchers N. Factors associated with discharge home in older patients admitted to emergency department observation units: Looking for a predictive scale. JOURNAL OF EVALUATION IN CLINICAL PRACTICE. 2024; DOI:10.1111/jep.14124. PMID:39167727. IF:2,100 (Q2/3D). Document type: Article.
- Perna B, Raparelli V, Caprioli FT, Blănuș OT, Malacarne C, Crosetti C, Portoraro A, Zanolto A, Strocchi FM, Rapino A, Costanzini A, Maritati M, Lazzari R, Spampinato MD, Contini C, De Giorgio R, Guarino M. Sex- and Gender-Based Analysis on Norepinephrine Use in Septic Shock: Why Is It Still a Male World?. Microorganisms. 2024; 12(4):821. DOI:10.3390/microorganisms12040821. PMID:38674765. IF:4,100 (Q2/4D). Document type: Article.
 - Ramos JR, Grande AS, Perrín MRS, Requejo CC, Vega MH, Vinardell LL, Martín AG, Baeta YC, González A, Díez MA, Giner SC, Carranza SH, Díaz AS, Riera MP, Liendo LM, Blanch CT, Amallo AR, Blanco CC, PROA GRP. Antibiotic stewardship programs in the Spanish emergency services: PROA-URG Study. Revista Espanola de Quimioterapia. 2024; 37(2). DOI:10.37201/req/138.2023. PMID:38372121. IF:1,900 (Q3/7D). Document type: Article.
 - Rincón Díaz C, Jiménez Hernández S, Beddar Chaib F, Lozano Polo L, Guirado Torrecillas L, Cortés Ayaso M, et al. Impacto de una intervención formativa en enfermería de urgencias sobre la adecuación de la profilaxis de la enfermedad tromboembólica venosa: estudio PROTESU III. Emergencias. 2024; 36(5):359-66. DOI:10.55633/s3me/080.2024. PMID:39364989. IF:5,400 (Q1/1D). Document type: Article.
 - Romero CJ, Alquézar A, Mateo SH, Llorens P, Gil V, Curtelin D, Jacob J, Herrero P, Díez MPL, Llauger L, López ML, Gil C, Tost J, Urbano CA, Espinosa B, Campos M, Fernández G, Torres A, Escoda R, Martín E, Garrido JM, Lucas FJ, Rodríguez E, Garate RT, Andueza JA, Peacock F, Miró O. Timing of previous heart failure hospitalization as a prognostic factor for emergency department heart failure patients. Internal and Emergency Medicine. 2024; 19(4). DOI:10.1007/s11739-023-03505-3. PMID:38466555. IF:3,200 (Q1/2D). Document type: Article.
 - Ruiz J, Alquézar A, Juanes A, Burillo G, Aguiló S, Jacob J, Fernández C, Llorens P, Quero FDB, Gordo S, Hernando R, Moreno M, Sánchez S, Sara A, González R, Carrión M, Artieda A, Adroher M, Hong J-U, Escolar Martínez Berganza MT, Gayoso S, Sánchez G, Silva M, Gómez y Gómez B, Arenos R, González del Castillo J, Miró Ò. Short-term prognosis of polypharmacy in elderly patients treated in emergency departments: results from the EDEN project. Therapeutic Advances in Drug Safety. 2024; 15:20420986241228129. DOI:10.1177/20420986241228129. PMID:38323189. IF:3,400 (Q2/3D). Document type: Article.
 - Ruiz J, Alquézar A, Juanes A, González J, Jacob J, Burillo G, Aguiló S, Fernández C, Plaza A, Millán J, Jara G, López N, Muñoz E, Martín C, Delgado V, Gallardo BA, Osorio IG, Real A, Gordo S, González L, Álvarez A, Martínez J, Sánchez M, Sánchez M, Sánchez JA, Hernando R, Turcios J, Ponte P, Miró O. Association of BenzoDiazepine Prescription With Short-Term Prognosis in Elderly Patients Attended in Emergency Department: Results From the EDEN PROJECT. PHARMACOEPIDEMIOLOGY AND DRUG SAFETY. 2024; 33(11):e70044. DOI:10.1002/pds.70044. PMID:39477694. IF:2,400 (Q2/5D). Document type: Article.
 - Ruiz J, López L, Higa L, Torrecilla B, Puig M, Mangues M, Juanes A. Anticholinergic burden and revisit risk in frail patients with pharmacological sleepiness. European Journal of Hospital Pharmacy. 2024; 31(3):197-200. DOI:10.1136/ejhpharm-2022-003424. PMID:36100370. IF:1,600 (Q3/8D). Document type: Article.
 - Ruiz J, Plaza A, Roure C, Fernández J, Gonzalez J, Barrera MT, Garcia M, Rudi N, Blázquez M, San C, Sampol C, Juanes A, Vogiatzis I. Drug-Related Problems in Elderly Patients Attended to by Emergency Services. Journal of Clinical Medicine. 2024; 13(1):3. DOI:10.3390/jcm13010003. PMID:38202010. IF:3,000 (Q1/2D). Document type: Review.

- Ruiz J, Vela E, Monterde D, Blázquez M, Puig M, Piera J, Carot G, Juanes AM. Healthcare risk stratification model for emergency departments based on drugs, income and comorbidities: the DICER-score. BMC EMERGENCY MEDICINE. 2024; 24(1):23. DOI:10.1186/s12873-024-00946-7. PMID:38355411. IF:2,300 (Q1/3D). Document type: Article.
- Salazar J, Riera P, Gordillo J, Altès A, Martínez M, Serès M, Llaó J, Giordano A, Garcia E. Predictive role of *ITPA* genetic variants in thiopurine-related myelotoxicity in Crohn's disease patients. PHARMACOGENOMICS JOURNAL. 2024; 24(4):20. DOI:10.1038/s41397-024-00341-2. PMID:38906864. IF:2,900 (Q2/5D). Document type: Article.
- Torres G, Sánchez M, Gracia E, Benitez ID, Martínez D, Dalmases M, Pinilla L, Minguez O, Vaca R, Pascual L, Aguilá M, Cortijo A, Gort C, Martínez MA, Mediano O, Peralta SR, Fortuna AM, Márquez PP, Drager LF, Cabrini M, de Barros S, Masa JF, Peñafiel JC, Felez M, Vázquez S, Abad J, García F, Casitas R, Lee CH, Barbé F. Long-term effect of obstructive sleep apnoea management on blood pressure in patients with resistant hypertension: the SARAH study. EUROPEAN RESPIRATORY JOURNAL. 2024; 64(2):2400269. DOI:10.1183/13993003.00269-2024. PMID:39060017. IF:16,600 (Q1/1D). Document type: Article.